



Blackbird™

1080p Video Extender with HDMI® Over Coaxial Cable Up to 100m

Extend High-Definition HDMI Video Up to 100 Meters Over 75-Ohm Coaxial Cable

Transform your audiovisual experience with the Blackbird™ 1080p Video Extender by Monoprice™. Designed for reliability and superior performance, this innovative device transmits crisp, high-definition HDMI signals up to an impressive 328 feet (100 meters) using a single RG-6 coaxial cable. This means you can often utilize pre-existing coaxial infrastructure in homes or commercial spaces, simplifying installation and reducing the need for costly new wiring. Whether you're setting up a home theater, a dynamic conference room, or a vibrant public display, the Blackbird™ extender ensures your content travels the distance—without sacrificing quality.

Engineered with cutting-edge technology, the Blackbird™ extender supports video resolutions up to 1080p@60Hz and delivers a robust video bandwidth of 6.75Gbps, ensuring stunning visuals with rich, vibrant colors. With Deep Color support up to 36 bits and impeccable digital audio fidelity at a 48-kHz LPCM sampling rate, every detail is faithfully reproduced for a truly immersive viewing and listening experience. HDCP™ 1.1 compliance secures your content, making it ideal for both professional and entertainment environments.

Installation is seamless and hassle-free: simply connect your HDMI devices with the transmitter and receiver units, and enjoy secure, equalized, and restored TMDs® data transmission. The package comes complete with everything you need, including two AC power adapters, mounting ears, and a user manual for quick and easy setup. Built for durability and versatility, the Blackbird™ extender operates smoothly within a wide temperature and humidity range, ensuring reliable performance in any environment.

Step into the future of HDMI connectivity—choose the Blackbird™ 1080p Video Extender by Monoprice™ and experience AV freedom without limits.

- Transmits HDMI video and audio signals up to 328ft (100m) via a single RG-6 coaxial cable
- Supports video resolutions up to 1080p@60Hz
- Supports 6.75Gbps video bandwidth
- Supports Deep Color up to 36 bits (12 bits per channel)
- Supports digital audio with an LPCM (Linear Pulse Code Modulation) sampling rate of 48kHz
- Comprehensive EDID® management for seamless device compatibility and easy setup
- Compliant with HDCP (High-bandwidth Digital Content Protection) 1.1
- Equalizes and restores incoming TMDs (Transition Minimized Differential Signaling) data at its native resolution before transmitting to the receiver

Comparison Chart

43396				47749			
Spec Type		Spec Value		Spec Type		Spec Value	
Video Input	P/N	43396 Receiver	43396 Transmitter	Video Input	P/N	47749 Receiver	47749 Transmitter
	Interfaces	N/A	1x HDMI Type A Female		Interfaces	N/A	1x HDMI Type A Female
	Max. Distance	N/A	3 meters		Max. Distance	N/A	3 meters
Video Output	Interfaces	1x HDMI Type A Female	N/A	Video Output	Interfaces	1x HDMI Type A Female	N/A
	Max. Distance	3 meters	N/A		Max. Distance	3 meters	N/A
Video	Max. Data Rate	6.75 Gbps (2.25 Gbps per channel)	6.75 Gbps (2.25 Gbps per channel)	Video	Max. Data Rate	18 Gbps	18 Gbps
	Compliance	HDMI (Deep Color) up to 36 bits (12/channel) HDCP 1.1 Compatible	HDMI (Deep Color) up to 36 bits (12/channel) HDCP 1.1 Compatible		HDR	HDR, HDR10+, Dolby Vision, HLG	HDR, HDR10+, Dolby Vision, HLG
	Max. Resolution	1080p @ 60 Hz	1080p @ 60 Hz		Color Space	RGB, YCbCr 4:4:4 / 4:2:2, YUV 4:2:0	RGB, YCbCr 4:4:4 / 4:2:2, YUV 4:2:0
	Color Depth				Color Depth	8/10/12-bit	8/10/12-bit
	Max. Distance	Up to 100 m	Up to 100 m		Max. Resolution	3840 × 2160 @ 60 Hz (4:4:4)	3840 × 2160 @ 60 Hz (4:4:4)
Audio	Input	N/A	1x HDMI Type A Female	Audio	Max. Resolutions / Distance	Up to 100 m @ 4K	Up to 100 m @ 4K
	Output	1x HDMI Type A Female	N/A		Input	N/A	1x HDMI Type A Female
	HDMI Audio Formats	LPCM 2ch, 48 kHz	LPCM 2ch, 48 kHz		Output	1x HDMI Type A Female	N/A
Connect ors	Unit To Unit	1x Coax In BNC Female	1x Coax Out BNC Female	Connectors	HDMI Audio Formats	LPCM 2ch, Digital 2ch, Dolby Digital 5.1ch, DTS 2ch, DTS 5.1ch, DTS 96/24 5.1ch	LPCM 2ch, Digital 2ch, Dolby Digital 5.1ch, DTS 2ch, DTS 5.1ch, DTS 96/24 5.1ch
	Power	1x DC Jack	1x DC Jack		Unit To Unit	1x Coax In BNC Female	1x Coax Out BNC Female
Environmental	Power Consumption	DC 12 V: 5 W (Max)	DC 12 V: 5 W (Max)		Power	1x DC Jack	1x DC Jack
	Operating Temperature	32~104 °F / 0~40 °C	32~104 °F / 0~40 °C	Environmental	IR	1x 3.5 mm Female (IR input) 1x 3.5 mm Female (IR output)	1x 3.5 mm Female (IR input) 1x 3.5 mm Female (IR output)
	Storage Temperature	14~140 °F / -10~60 °C	14~140 °F / -10~60 °C		Power Consumption	DC 12 V: 6.72 W (Max)	DC 12 V: 7.92 W (Max)
	Humidity	15 - 85% RH, Non-Condensing	15 - 85% RH, Non-Condensing		Operating Temperature	32~104 °F / 0~40 °C	32~104 °F / 0~40 °C
Physical Properties	Housing	Plastic	Plastic	Physical Properties	Storage Temperature	-4~140 °F / -20~60 °C	-4~140 °F / -20~60 °C
	Weight	2.5 oz (70 g)	2.5 oz (70 g)		Humidity	20 - 90% RH, Non-Condensing	20 - 90% RH, Non-Condensing
	Dimensions (L x W x H)	3.1" × 0.6" × 3.1" (80 mm × 16 mm × 80 mm)	3.1" × 0.6" × 3.1" (80 mm × 16 mm × 80 mm)		Housing	Metal	Metal
	Packaging Method	Corrugated Box			Weight	10.2 oz (288 g)	10.2 oz (288 g)

Package Content



- 1x Video Extender with HDMI over Coaxial Cable (Transmitter)
- 1x Video Extender with HDMI over Coaxial Cable (Receiver)
- 4x Mounting Ears
- 8x Machine Screws
- 2x AC Power Adapters (DC 5 V / 1 A)
- 1x User Manual



- 1x Video Extender with HDMI over Coaxial Cable (Transmitter)
- 1x Video Extender with HDMI over Coaxial Cable (Receiver)
- 1x IR Emitter Cable (4.9 ft / 1.5 m)
- 1x IR Receiver Cable (4.9 ft / 1.5 m)
- 4x Mounting Ears
- 8x Machine Screws
- 2x 12 V / 1 A Locking Power Adapters
- 1x User Manual